

# OT 9/200-240/350

## Electronically stabilized constant current LED Power Supply

Technical  
Information  
Edition: April 2008  
subject to change

### Technical data

Reference:	OT 9/200-240/350
For LED modules:	DRAGON-LED-Modules and 350mA supplied LEDs
Line voltage, nominal:	200 – 240 V <sub>RMS</sub>
Line current, nominal:	0,1 A <sub>RMS</sub> @ 230V
Line frequency:	50-60 Hz
Output voltage:	0 – 25V <sub>DC</sub>
Output current:	DC current 350 ± 17.5mA, electronically stabilized
Max. module wattage:	8,5 W
Max. losses:	2.7 W
Partial load:	0 ... 8.5W
Perm. line voltage fluctuations:	180- 254 V <sub>RMS</sub>
Power factor:	0,5 @ 230V
DC voltage operation:	Yes (176-264V)
Safety:	IEC 61347
Performance:	IEC 62384 – in preparation
Radio interference:	EN 55015
Harmonic content:	IEC 61000-3-2
Immunity:	IEC 61547
Temperature range:	-20 °C to +50 °C
Max. case temperature T <sub>c</sub>	80 °C
Galvanic insulation between primary and secondary side:	3 KV <sub>RMS</sub>
Non-load proof:	Yes
Short circuit protection:	Autom. shutoff, reversible
Overload protection:	Autom. shutoff, reversible
Overheating protection:	Autom. shutoff, reversible
Dimmable:	No
Connectors:	Push-in type
Primary:	main terminal & ground connection
Wire cross section, primary:	0,5 mm <sup>2</sup> to 1,5 mm <sup>2</sup> massive leads 0,5 mm <sup>2</sup> to 1 mm <sup>2</sup> flexible leads
Secondary:	LED terminal
Wire cross section, secondary:	0,5 mm <sup>2</sup> to 1,5 mm <sup>2</sup> massive leads 0,5 mm <sup>2</sup> to 1 mm <sup>2</sup> flexible leads
Max. cable length:	10 m with 1,5 mm <sup>2</sup> massive leads for class II luminaries 80 cm for class I luminaries
Geometry (l x w x h):	80 mm x 40 mm x 22 mm
Protection Class:	suitable for protection class I luminaries:

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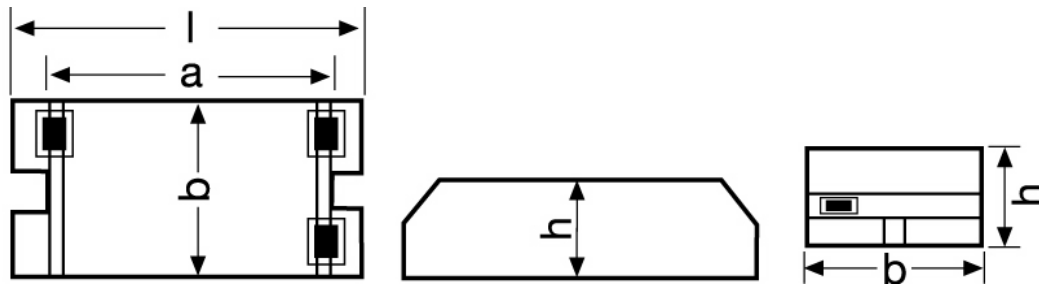
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functional earth recommended

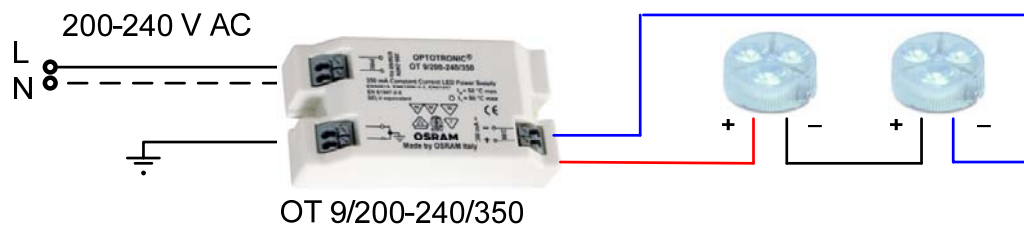
Approvals:

CE;  ;  ;  in preparation

### Geometry



### Wiring diagram



**! Attention:** Connection of the LED-modules only in series!

### Instruction sheet

Please consult the instruction sheet for further important information on dimming characteristic, wire stripping and wiring limitations in system installations. The instruction sheet is available upon request.

The luminaire manufacturer is responsible for providing the required clearances and creepage distances and also for the protection against electrical shock. The functional earth is basis isolated related to main potential. By using the functional earth in a protection class II luminaire an additional isolation will be necessary if the functional earth is connected to a touchable part.